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Substitute for form ~~249B-105~~

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/676,652
Filing Date	10/01/2003
First Named Inventor	Chang
Art Unit	2186
Examiner Name	Peers
Attorney Docket Number	SANDP035

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Hetul Patel/	Date Considered	12/21/2006
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Complete if Known

Application Number	10/676,652
Filing Date	10/01/2003
First Named Inventor	Chang
Art Unit	2186
Examiner Name	Peers
Attorney Docket Number	SANDP035

[illegible]

Examiner Signature	/Hetul Patel/	Date Considered	12/21/2006
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete If Known

Application Number	10/676,652
Filing Date	10/01/2003
First Named Inventor	Chang et al.
Art Unit	2188
Examiner Name	Padmanabhan
Attorney Docket Number	SANDP035

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
HBP ↓		US- 5930193	07-27-1999	Achiwa et al.	
		US- 5987573	11-1999	Hiraka, Seiji	
		US- 6684289	01-2004	Gonzalez et al.	
		US- 5734816	03-1998	Nijima et al.	
		US- 6807095	10-2004	Chen et al.	
		US- 6823528	11-2004	Howard et al.	
		US- 6139177	10-2000	Venkatraman et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			

Examiner Signature	/Hetul Patel/	Date Considered	12/21/2006
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PTO/SB/08A (06-03)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of

Complete if Known

Application Number	10/676,652
Filing Date	October 1, 2003
First Named Inventor	Robert C. Chang
Art Unit	2188
Examiner Name	Unassigned
Attorney Docket Number	SANDP035

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
HBP	AA	US-2001/001065	07-26-2001	Chiba	
HBP	AB	US-6,405,295	06-11-2002	Bando	
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			
	AM	US-			
	AN	US-			

FOREIGN PATENT DOCUMENTS

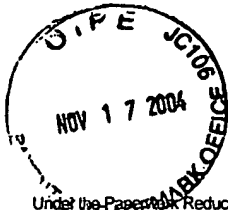
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
HBP	AO	WO	02/058074	A2	07-25-2002	SanDisk Corporation		<input type="checkbox"/>
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	AQ							<input type="checkbox"/>
	AR							<input type="checkbox"/>
	AS							<input type="checkbox"/>
	AT							<input type="checkbox"/>
	BA							<input type="checkbox"/>
	BB							<input type="checkbox"/>

Examiner Signature	/Hetul Patel/	Date Considered	12/21/2006
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PTO/SB/08A (06-03)
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of

Complete if Known

Application Number	10/676,652
Filing Date	October 1, 2003
First Named Inventor	Robert C. Chang
Art Unit	2188
Examiner Name	Unassigned
Attorney Docket Number	SANDP035

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
HBP	AA	US-5,930,193	07-27-1999	Achiwa et al.	
HBP	AB	US-6,381,176	04-30-2002	Kim et al.	
	AC	US-			
	AD	US-			
	AE	US-			
	AF	US-			
	AG	US-			
	AH	US-			
	AI	US-			
	AJ	US-			
	AK	US-			
	AL	US-			
	AM	US-			
	AN	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	AO							<input type="checkbox"/>
	AP							<input type="checkbox"/>
	AQ							<input type="checkbox"/>
	AR							<input type="checkbox"/>
	AS							<input type="checkbox"/>
	AT							<input type="checkbox"/>
	BA							<input type="checkbox"/>
	BB							<input type="checkbox"/>

Examiner
Signature

/Hetul Patel/

Date
Considered

12/21/2006

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Form 1449 (Modified)

Information Disclosure
Statement By Applicant

(Use Several Sheets if Necessary)

Atty Docket No. SANDP035
 Application No.: 10/676,652
 Inventor Robert C. Chang et al.
 Group Unassigned
 Filing Date October 1, 2003
 Mailing Date October 22, 2003

U.S. Patent or Published Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-Class	Filing Date
HBP	A	5,222,109	6/22/93	Pricer	377	24.1	12/28/90
	B	5,297,148	3/22/94	Harari et al.	371	10.2	10/20/92
	C	5,388,083	2/7/95	Assar et al.	365	218	3/26/93
	D	5,438,573	8/1/95	Mangan et al.	371	10.3	6/1/94
	E	5,568,439	10/22/96	Harari	365	218	6/6/95
	F	5,598,370	1/28/97	Niijima et al.	365	185.33	4/26/95
	G	5,835,935	11/10/98	Estakhri et al.	711	103	9/13/95
	H	5,845,313	12/1/98	Estakhri et al.	711	103	7/31/95
	I	5,860,082	1/12/99	Smith et al.	711	103	3/28/96
	J	5,907,856	5/25/99	Estakhri et al.	711	103	3/31/97
	K	5,924,113	7/13/99	Estakhri et al.	711	103	5/29/98
	L	6,016,275	1/18/00	Han	365	185.29	11/4/98
	M	6,081,447	6/27/00	Lofgren, et al.	365	185.02	3/5/99
	N	6,115,785	9/5/00	Estakhri et al.	711	103	5/13/99
	O	6,125,435	9/26/00	Estakhri et al.	711	201	11/24/97
	P	6,230,233	5/8/01	Lofgren, et al.	711	103	9/13/91
	Q	6,260,156	7/10/01	Garvin et al.	714	8	12/4/98
	R	6,426,893	7/30/02	Conley et al.	365	185.11	2/17/00

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
HBP	S	62-283496	12/9/87	JP			X	
HBP	T	62-283497	12/9/87	JP			X	

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
HBP	U	Kim, Jesung et al., "A Space-Efficient Flash Translation Layer for Compactflash Systems", IEEE Transactions on Consumer Electronics, Vol. 48, No. 2, May 2002
Examiner /Hetul Patel/		Date Considered 12/21/2006

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered.
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